

WO 2005/029920

PCT/GB2004/003857

CLAIMS

1. A series resistance heating cable comprising a heating element extending longitudinally along the cable, the element comprising a material having a positive temperature coefficient.
2. A heating cable as claimed in claim 1, wherein said cable is a self-regulating cable.
3. A heating cable as claimed in claim 1 or claim 2, wherein said material is a semi-conductor.
4. A heating cable as claimed in any one of the above claims, wherein said material comprises a polymer.
5. A heating cable as claimed in any one of the above claims, wherein said material comprises a high density polyethylene matrix including carbon.
6. A heating cable as claimed in any one of the above claims, the cable further comprising at least one conductive terminal located at an end of the cable, and in electrical contact with the heating element via a conductive paste.
7. A heating cable as claimed in claim 6, wherein said conductive paste comprises silver.
8. A heating device comprising a heating cable as claimed in any one of the above claims.
9. A heating device as claimed in claim 8, wherein said device is a car seat heater.

WO 2005/029920

PCT/GB2004/003857

10. A method of manufacturing a series resistance heating cable, the method comprising the step of providing a heating element extending longitudinally along the cable, the element comprising a material having a positive temperature coefficient.
11. A method of manufacturing a heating device, the method comprising providing a series resistance heating cable having a heating element extending longitudinally along the cable, the element comprising a material having a positive temperature coefficient.
12. A heating cable substantially as herein before described with reference to Figures 2 to 5 of the accompanying drawings.
13. A heating device substantially as herein before described with reference to Figures 2 to 5 of the accompanying drawings.
14. A method of manufacturing a heating cable substantially as herein before described with reference to Figures 2 to 5 of the accompanying drawings.
15. A method of manufacturing a heating device substantially as herein before described with reference to Figures 2 to 5 of the accompanying drawings.